AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A method for processing image data in an interactive media player, the method comprising:

receiving a plurality of image sources to be output on a same display screen from at least one of an interactive recording medium and external server; and

converting a bit depth of at least a first image source to another bit depth so that the first image source has a same bit depth as a second image source.

2. (Currently Amended) The method as set forth in claim 1, wherein converting the bid depth comprises:

increasing the bit depth of the at least first image source to match a first value.

3. (Original) The method of claim 2, wherein the first value is approximately equal to a highest bit depth value chosen from among respective bit depths associated with each of the plurality of image sources.

4. (Currently Amended) The method as set forth in claim 2, wherein converting the bit depth comprises:

repeating a unit pixel value a predetermined number of times to increase the bit depth of the at least first image source.

5. (Currently Amended) The method as set forth in claim 2, wherein converting the bit depth comprises:

repeating a color value a predetermined number of times to increase the bit depth of the

at least first image source.

6. (Original) The method as set forth in claim 2, wherein the bit depth is increased within

a range of approximately 2m to 2n, where n>m≥0.

7. (Original) The method as set forth in claim 2, wherein the bit depth is increased by

discarding at least one low-order bit of image data of the first image source.

8. (Original) The method of claim 7, wherein the low-order bit is discarded after at least

a unit pixel value is repeated.

9. (Original) The method of claim 7, wherein the low-order bit is discarded after at least

a color value is repeated.

10. (Original) The method as set forth in claim 1, further comprising:

reducing the bit depth of the first image source to a target bit-conversion value, if the bit

depth of the first image source is greater than a target value.

11. (Currently Amended) A method for processing image data in an interactive media

player, the method comprising:

receiving a plurality of image sources to be output on a same display screen, each image

source associated with a respective bit depthsdepth;

comparing at least one of the respective bit depths with a predetermined reference bit-depth; and

converting the <u>at least one of the</u> respective bit ~~depth~~ <u>depths</u> to another bit depth, if the <u>at least one of the</u> respective bid depths is different from the predetermined reference bit-depth.

12. (Original) The method as set forth in claim 11, wherein converting the respective bid depth comprises:

increasing the bit depth to match a first value.

13. (Original) The method of claim 12, wherein the first value is approximately equal to the predetermined reference bit-depth.

14. (Original) The method as set forth in claim 12, wherein converting the respective bit depth comprises:

repeating a unit pixel value a predetermined number of times to increase the bit depth.

15. (Original) The method as set forth in claim 12, wherein converting the bit depth comprises:

repeating a color value a predetermined number of times to increase the bit depth.

16. (Original) The method as set forth in claim 12, wherein the bit depth is increased within a range of approximately 2m to 2n , where n>m≥0.

17. (Original) The method as set forth in claim 12, wherein the bit depth is increased by discarding at least one low-order bit in image data of the respective image source.

18. (Original) The method of claim 17, wherein the low-order bit is discarded after at least one unit pixel value is repeated.

19. (Original) The method of claim 17, wherein the low-order bit is discarded after at least one color value is repeated.

20. (Currently Amended) The method as set forth in claim 11, further comprising:

reducing the at least one of the respective bit depth depths to a target bit-conversion value, if the at least one of the respective bit depth depths is greater than the target bit-conversion value.

21. (Currently Amended) An interactive media player system comprising:

a storage unit for storing configured to store a plurality of image sources to be output on a same display screen read from a recording medium, each image source having a respective bit depth;

a decoder for decoding configured to decode the plurality of image sources, confirming and confirm the respective bit depths of the image sources to determine whether or not the respective bit depths are to be converted to another bit depth; and

a converter for converting configured to convert at least one of the respective bit depths into said another bit depth.

22. (Currently Amended) The system as set forth in claim 21 further comprising:

a mixer ~~for mixing~~configured to mix video data reproduced from the interactive recording medium and image data with a converted bit depth.

23. (Currently Amended) The system as set forth in claim 21, wherein the converter ~~converts~~is configured to convert at least one of the respective bit depths to another bit depth when at least a first image source stored in the storage unit has a different bit depths than a second image source.

24. (Currently Amended) The system as set forth in claim 21, wherein the converter ~~converts~~is further configured to convert said at least one of the respective bit depths to said another bit depth when at least a first image source stored in the storage unit has a different bit depths than a reference bit depth.

25. (Currently Amended) The system as set forth in claim 21, wherein the converter ~~increases~~is further configured to increase said at least one of the respective bit depths by repeating a unit pixel value.

26. (Currently Amended) The system as set forth in claim 21, wherein the converter ~~increases~~is further configured to increase said at least one of the respective bit depths by repeating one color value of image data.

27. (Original) The system as set forth in claim 26, wherein the bit depth is increased in a range of approximately 2m to 2n.

28. (Original) The system as set forth in claim 26, wherein $n > m \geq 0$.

29. (Currently Amended) The system as set forth in claim 21, wherein the converter ~~increases~~is further configured to increase said at least one of the respective bit depths by discarding at least a low-order bit of the image data.

30. (Currently Amended) The system as set forth in claim 21, wherein the converter ~~reduces~~is further configured to reduce said at least one of the respective bit depths by discarding at least a low-order bit of the image data.